

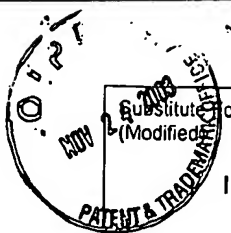
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10578-009001	Application No.
	Applicant William B. Kerfoot		
	Filing Date July 6, 2000	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
BMA	AA	5,855,775	Jan 5 1999	Kerfoot			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
BMA	AQ	Reaction of Ozone with Ethene and Its Methyl- and Chlorine- Substituted Derivatives in Aqueous Solution, P. Dowideit, et al. Environmental Science & Technology, Vol 32, No. 8 pp. 1112-1119, (1998)
	AR	
	AS	
	AT	

Examiner Signature <i>Betsy M. Hoey</i>	Date Considered <i>1/6/05</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10578-009002Application No.
10/602,256**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
William B. KerfootFiling Date
June 23, 2003Group Art Unit
1724**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
BMA	AA	4,639,314 -		Tyer			1/18/85
	AB	4,696,739 -		Pedneault			8/11/86
	AC	4,966,717		Kern			2/10/89
	AD	5,116,163 -		Bernhardt			1/16/91
	AE	5,122,165		Wang et al.			6/11/91
	AF	5,180,503		Gorelick et al.			5/10/91
	AG	5,221,159		Billings et al.			6/7/91
	AH	5,227,184 -		Hurst			5/29/92
	AI	5,246,309		Hobby			5/16/91
	AJ	5,277,518		Billings et al.			11/27/91
	AK	5,389,267		Gorelick et al.			12/18/92
	AL	5,425,598 =		Pennington			8/12/93
	AM	5,451,320		Wang et al.			7/10/90
	AN	5,472,294		Billings et al.			1/10/94
	AO	5,698,092		Chen			8/7/95
	AP	5,851,407 -		Bowman et al.			11/26/97
	AQ	5,879,108 -		Haddad			6/9/97
	AR	6,007,274 -		Suthersan			5/19/97
	AS	6,217,767 -		Clark			11/3/93
	AT	6,283,674 -		Suthersan			5/8/00
	AU	6,391,259 -		Malkin et al.			6/26/97
BMA	AV	6,403,034 -		Nelson et al.			1/20/99

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
BMA	AW	4-171036 -	✓	Patent Abstract of Japan				
BMA	AX	6-023378	✓	Patent Abstract of Japan				

Examiner Signature

Betsy M. Hoey

Date Considered

1/6/05

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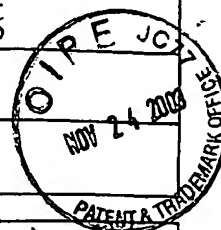
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		Filing Date June 23, 2003	Group Art Unit 1724

Foreign Patent Documents or Published Foreign Patent Applications								
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	AY						Yes	No
	AZ							
	AAA							

Other Documents (include Author, Title, Date, and Place of Publication)		
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BMA+	ABB	"Factors Controlling the Removal of Organic Pollutants in an Ozone Reactor", M.D. Gurol, AWWA 1984 Annual Conference, Dallas, TX, June 10-14, 1984, pp. 2-21.
+	ACC	"In-situ Air Sparging Without Inorganic Nutrient Amendment: An Effective Bioremediation Strategy for Treating Petroleum-Contaminated Groundwater Systems", R. Schaffner, Jr., et al., http://www.bioremediationgroup.org/BioReferences/Tier1Papers/insitu.htm , July 30, 2003, pp. 1-14.
+	ADD	"Environmental Management", DON Environmental Restoration Plan for Fiscal Years 1997-2001, Sept. 30, 1996, pp. 4-1 to 4-8.
+	AEE	"How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites", U.S. Environmental Protection Agency, October 1994.
+	-AFF	"Yuma Pilot-Testing Ozone Sparging, Stripping", Pasha Publications, Defense Cleanup, Nov. 8, 1996, pp. 5-6.
-	AGG	"Chemical Degradation of Aldicarb in Water Using Ozone", F.J. Beltran et al., <i>Journal of Chemical Technology & Biotechnology</i> , 1995, pp. 272-278.
-	AHH	"Modelling Industrial Wastewater Ozonation in Bubble Contactors", <i>Ozone Science & Engineering</i> , Vol. 17, 1995, pp. 379-398.
-	AII	"Modelling Industrial Wastewater Ozonation in Bubble Contactors". <i>Ozone Science & Engineering</i> , Vol. 17, 1995, pp. 355-378.
-	AJJ	"Kinetics of the Bentazone Herbicide Ozonation", <i>Journal of Environmental Science and Health</i> , Vol. A31, No. 3, 1996, pp. 519-537.
-	AKK	"Field Applications of In Situ Remediation Technologies: Chemical Oxidation", U.S. Environmental Protection Agency, September 1998, pp. 1-31.
-	ALL	"Technology Status Review In Situ Oxidation", <i>Environmental Security Technology Certification Program</i> , November 1999, pp. 1-42.
-	AMM	"Design of a Packed Bed Ozonation Reactor for Removal of Contaminants from Water, Billing, <i>Dissertation Abstracts International</i> , Vol. 57, No. 10, April 1997, pp. 6398-B.
-	ANN	"Completed North American Innovative Remediation Technology Demonstration Projects", U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, August 12, 1996, pp. 1-35.
-	AOO	"Ground Water Issue", H.H. Russell et al., U.S. Environmental Protection Agency, January 1992, pp. 1-10.
-	APP	"In Situ Chemical Treatment", Y. Yin, Ph.D., <i>Technology Evaluation Report, GWRTAC</i> , July 1999, pp. 1-74.
BMA-	AQQ	"Analysis of Selected Enhancements for Soil Vapor Extraction", U.S. Environmental Protection Agency, September 1997, pp. 1-5 to 7-39.

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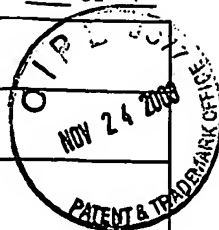


Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
BMA	ARR	"Biologisch-chemische Behandlung Eines Kontaminierten Grundwassers von einem Gaswerksgelände, Dr.-Ing. Joachim Behrendt, <i>Technische Universität Hamburg-Harburg, Germany</i> , Vol. 136, No. 1, January 1995, pp. 18-24.
-	ASS	"Single-phase Membrane Ozonation of Hazardous Organic Compounds in Aqueous Streams", P.V. Shanbhag et al., <i>Journal of Hazardous Materials</i> 41, 1995, pp. 95-104.
-	ATT	"Gas Partitioning of Dissolved Volatile Organic Compounds in the Vadose Zone: Principles, Temperature Effects and Literature Review, J.W. Washington, <i>GROUNDWATER</i> , Vol. 34, No. 4, July-August 1996, pp. 709-718.
-	AUU	"Biologically Resistant Contaminants, Primary Treatment with Ozone", D.F. Echegaray et al., <i>Water Science and Technology, A Journal of the International Association on Water Quality</i> , Vol. 29, No. 8, 1994, pp. 257-261.
-	AVV	"Toxins, toxins everywhere", K.K. Wiegner, <i>Forbes</i> , July 22, 1991, pp. 298.
-	AWW	"In Situ Air Sparging System", <i>Tech Data Sheet, Naval Facilities Engineering Service Center</i> , March 1997, pp. 1-4.
-	AXX	"Ground Water, Surface Water, and Leachate", http://www.frtr.gov/matrix2/section4/4-30.html , July 22, 2003, pp. 1-4.
-	AYY	"Alternate Technologies for Wastewater Treatment", J. Hauck et al., <i>Pollution Engineering</i> , May 1990, pp. 81-84.
-	AZZ	"Cleaning up", <i>Forbes</i> , June 1, 1987, pp. 52-53.
+	AAAA	"In Situ Chemical Oxidation for Remediation of Contaminated Soil and Ground Water", EPA, September 2000, Issue No. 37, pp. 1-6.
-	ABBB	"Aquifer Remediation Wells", EPA, Vol. 16, September 1999, pp. 1-80.
-	ACCC	"Transfer Rate of Ozone across the Gas-Water Interface", S. Okouchi et al., <i>The Chemical Society of Japan</i> , No. 2, 1989, pp. 282-287.
-	ADDD	"Effect of Organic Substances on Mass Transfer in Bubble Aeration", M. Gurol et al., <i>Journal WPCF</i> , Vol. 57, No. 3, pp. 235-240.
✓	AEEE	"Clare Water Supply", EPA, http://www.epa.gov/region5/superfund/npl/michigan/MID980002273.htm , pp. 1-3.
-	AFFF	"Who's Afraid of MTBE?", K.P. Wheeler et al., <i>Manko, Gold & Katcher</i> , http://www.rcc-net.com/Wheels.htm , July 2000, pp. 1-5.
-	AGGG	"RCC RemedOzone Mobile Remediation System", RCC
-	AHHH	"Santa Barbara I Manufactured Gas Plant Site", <i>California EPA</i> , January 2002, pp. 1-6.
-	AIII	"Typical Applications of Ozone", ARCE Systems, Inc., http://www.arcesystems.com/products/ozone/applications.htm , 2000-02, pp. 1-2.
-	AJJJ	"Strategies to Protect Your Water Supply from MTBE", Komex Industries, http://www.komex.com/industries/remediation.stm , 2002, pp. 1-8.
✓	AKKK	"In Situ Remediation with Chemical Oxidizers: Ozone, Peroxide and Permanganate", Environmental Bio-systems, Inc., pp. 1-5.
BMA	ALLL	"Newark Brownfield Site to Increase Student Housing", Environmental Alliance Monitor, http://www.envalliance.com/monitor&pubs/1998fall.htm , 1998, pp. 1-8.

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BMA	AMMM	"In Situ Ozonation to Remediate Recalcitrant Organic Contamination", J. Dablow et al., IT Corporation, pp. 1-2.

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